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February 1, 2002: Date of Deposit

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BOX PATENT APPLICATION Assistant Commissioner of Patents Washington, D.C. 20231

NON-PROVISIONAL APPLICATION TRANSMITTAL UNDER 37 CFR 1.53(b)

Transmitted herewith for filing is a non-provisional patent application:

Inventor(s) (or Application "Identifier"):

Michelle Schaffer, San Francisco, California Mark Ultsch, Mill Valley, California Felix Vajdos, Pacifica, California

Title:

CRYSTALLIZATION OF IGF-1

1. Type of Application

- [] This application is for an original, non-provisional application.
- [X] This is a non-provisional application claiming priority to provisional application no. 60/287,072 , filed April 27, 2001 , and to provisional application no. 60/267,977 , filed February 9, 2001 , the entire disclosures of which are hereby incorporated by reference.
- [] This is a [] continuation-in-part [] continuation [] divisional application claiming priority to application Serial Number__, filed ___, the entire disclosure of which is hereby incorporated by reference.

Papers Enclosed Which Are Required For Filing Date Under 37 CFR 1.53(b) (Non-provisional)

- _52 pages of specification
- 4_ pages of claims
- __1 page(s) of abstract
- __10_ sheet(s) of drawings
 - [X] formal [] informal

3. Declaration or Oath

(for new and CIP applications; also for Cont./Div. where inventor(s) are being added)

X An executed declaration of the inventor(s) [] is enclosed [X] will follow.

(for Cont./Div. where inventorship is the same or inventor(s) being deleted)

A copy of the executed declaration/oath filed in the prior application is enclosed

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(37 CFR 1.63(d)).

(for Cont./Div. where inventor(s) being deleted)

A signed statement is attached deleting inventor(s) named in the prior application (see 37 CFR 1.63(d)(2) and 1.33(b)).

4. Assignment

(for new and CIP applications)

_X An Assignment of the invention to GENENTECH, INC. [] is enclosed with attached Recordation Form Cover Sheet [X] will follow.

(for cont./div.)

___ The prior application is assigned of record to Genentech, Inc.

5. Amendments (for continuation and divisional applications)

 Cancel in this application original claims	of the prior application before calculating the
filing fee. (At least one original independe	ent claim must be retained for filing purposes.)

A preliminary amendment is enclosed. (Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.)

6. Fee Calculation (37 CFR 1.16)

The fee has been calculated as follows:

Number	Filed		IS FOR FEE CA	LEULATION Rate	Basic Fee 37 CFR 1 16(a) \$740.00
Total Claims	50	- 20 =	30	X \$18.00	\$540.00
Independent Claims	16	- 3=	13	84	\$1,092.00
Multiple dependent claim(s), if any				+ \$270.00	\$0.00
Filing Fee Calculation					\$2,372.00

7. Method of Payment of Fees

The Commissioner is hereby authorized to charge Deposit Account No. 07-0630 in the amount of \$2,372.00. **A duplicate copy of this transmittal is enclosed.**

8. Authorization to Charge Additional Fees

The Commissioner is hereby authorized to charge any additional fees required under 37 CFR §1.16 and 1.17, or credit overpayment to Deposit Account No. 07-0630. **A duplicate copy of this sheet is enclosed.**

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PATENT TRADEMARK OFFICE

9.	 Additional Papers Enclosed Information Disclosure Statement (37 CFR §1.98) w/ PTO-1449 and citations Submission of "Sequence Listing", computer readable copy, certificate re: sequence listing, and/or amendment pertaining thereto for biological invention containing nucleotide and/or amino acid sequence. A new Power of Attorney or authorization of agent. Other:
10. applica	Maintenance of Copendency of Prior Application (for continuation and divisional sations) [This item must be completed and the necessary papers filed in the prior application if the period set in the prior application has run] A petition, fee and/or response has been filed to extend the term in the pending prior application until A copy of the petition for extension of time in the prior application is attached.
11.	Correspondence Address:
<u>X</u>	Address all future communications to:
	Attn: Janet E. Hasak
Date: F	Respectfully submitted, GENENTECH, INC. By: Yard E Hasak Janet E. Hasak Reg. No. 28,616 Telephone No. (650) 225-1896